

Appln. No. 09/980,823

Amd. dated August 21, 2006

Reply to Office Action of February 21, 2006

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-8. (Cancelled).

1
9. (Currently Amended) A method for inducing myelination and remyelination of neurons ~~and protecting neurons from NMDA induced cell death, from neurotoxicity induced by excitatory amino acids and from toxicity caused by the withdrawal of NCF,~~ comprising administering to a patient in need thereof an effective amount of interleukin-6 receptor - interleukin-6 (IL6RIL6) chimera, thereby resulting in the induction of myelination or remyelination of neurons ~~or the protection of neurons from NMDA induced cell death, from neurotoxicity induced by excitatory amino acids and from toxicity caused by the withdrawal of NCF.~~

10. (Cancelled).

2
11. (Previously Presented) The method of claim 9,
for inducing myelination and remyelination of neurons, wherein the patient in need is one suffering from traumatic nerve degeneration or a demyelinating disease of the central nervous system (CNS) or peripheral nervous system (PNS).

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~~12~~. (Previously Presented) The method of claim ²~~11~~,

wherein the patient in need is one suffering from multiple sclerosis (MS).

13. (Cancelled).

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~~14~~. (Previously Presented) A method in accordance

with claim 9, wherein said IL6RIL6 chimera is administered together with a pharmaceutically acceptable carrier.

15. (Cancelled).